



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

649.4820

Job Sheet 176687



Part No: 649.4820

Job Qty: 16 ea

Part Name: Shim



Part Weight: 0 lbs

Job Created: 4/27/18

Due Date: 5/10/18

Type: AOG

Status: Scheduled

Priority: Medium

Job Tracking No:

Created By: Linda Lacelle

Description:

Note: 649.4800 REV.E IPP REV:A 17.10.17 NEW ISSUE DD VERF:DP IPP REV:B 18.03.14 PER DWG REV.E DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	16 Ea	5/10/18	5/10/18	0.00	0.00	Start Up Waterjet		2 18/04/19
100	Waterjet	16 pcs	5/10/18	5/10/18	0.00	1.60	Waterjet1		2 18/04/19
110	QC	16 pcs	5/10/18	5/10/18	0.00	0.00	QC2 Waterjet-1		3C 18/04/19
120	QC	16 pcs	5/10/18	5/10/18	0.00	0.00	QC8-1		38
130	Outsource	16 pcs	5/10/18	5/10/18			ATG001-VC		CT 18-3-1 11/18/18/19
140	Packaging	16 pcs	5/10/18	5/10/18	0.00	0.00	Packaging2		AD 18/05/17
150	QC	16 pcs	5/10/18	5/10/18	0.00	0.00	QC6		11 MAY 07 2018
160	Packaging	16 pcs	5/10/18	5/10/18	0.00	0.00	Packaging3-1		9-89
170	QC21-SA	16 Ea	5/10/18	5/10/18	0.00	0.00	QC21		9-89 MAY 07 2018

Part Op 100 - 1-Cut as per Dwg Dwg Rev: E Prog Rev: E 2-Deburr if necessary
Descriptions: 130 - Issue P/O to ATG: P03749. AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.2, PRIME AS PER IAW MIL-PRF-23377 TYPE 1 CLASS N Certification of Conformity is required

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M2024T3S.032	2024-T3 .032 Sheet	1.0240 sf (.064 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M2024T3S.032	1	84	0

Part Specifications

Specifications could not be found.

QA

Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____

Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																													
Date : _____	Step #: _____	QTY Effective : _____		MRR (QSI042) Approval _____																																											
Description Work Order Deviation																																															
Completed By _____ and / Supervisor _____ val Verification _____ Coordinator _____ approval _____ DART AEROSPACE Container No: S066657 Part: 649.4820 Job No: 176687 Serial No/Batch: S066657 Revision: E Inspector: _____ Date: 04/29/18																																															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: left;">Root Cause</th> </tr> </thead> <tbody> <tr> <td style="width:33%;">Environment ☐</td> <td style="width:33%;">No Re-verification ☐</td> <td style="width:33%;">Pressure/Fo ☐</td> </tr> <tr> <td>Design ☐</td> <td>Operator ☐</td> <td>Bending ☐</td> </tr> <tr> <td>Doc/Data ☐</td> <td>Offset/Setup ☐</td> <td>Centre Not C ☐</td> </tr> <tr> <td>Equip/Tooling ☐</td> <td>Supplier ☐</td> <td>Cracks ☐</td> </tr> <tr> <td>Handling/Pre ☐</td> <td>Training ☐</td> <td>Crimp/Kink/t ☐</td> </tr> <tr> <td>Material ☐</td> <td>Use for Testing ☐</td> <td>Cuffs ☐</td> </tr> <tr> <td>Internal Transport ☐</td> <td>Poor Information ☐</td> <td>Crushing ☐</td> </tr> <tr> <td>Tribal Knowledge ☐</td> <td>Rushing ☐</td> <td>Heat Treat ☐</td> </tr> <tr> <td>LOA ☐</td> <td>Product Improvement ☐</td> <td>Wave/Twist in Tube ☐</td> </tr> <tr> <td>Substation ☐</td> <td>Process Improvement ☐</td> <td>Marks/Chatter ☐</td> </tr> <tr> <td>Past Expiry Date ☐</td> <td>Manufacturing Process ☐</td> <td></td> </tr> <tr> <td>Misidentified ☐</td> <td>Past Due ☐</td> <td></td> </tr> <tr> <td colspan="3">OTHER : _____</td> </tr> </tbody> </table>						Root Cause			Environment ☐	No Re-verification ☐	Pressure/Fo ☐	Design ☐	Operator ☐	Bending ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not C ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/t ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Past Expiry Date ☐	Manufacturing Process ☐		Misidentified ☐	Past Due ☐		OTHER : _____		
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Dart Aerospace Ltd.
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Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO039759**

Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalonde, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO039759
PO Date: 5/1/18
Due Date: 5/11/18
Purchase Order Revision:
Revision Date:
Ship-To Contact: Phone:

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	173009	RB T103296-103	Collar Half -Issue P/O to ATG: - ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL -Certificate of Conformity is required	Firmed	5/11/18	4 pcs	0 pcs	4 pcs	\$8.40/pcs	\$33.60
2	176714	RBW1205G00231-3G-3	Tube -Issue P/O to ATG: - ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL -Certificate of Conformity is required	Firmed	5/11/18	10 pcs	0 pcs	10 pcs	\$8.40/pcs	\$84.00
3	173010	RB T103296-105	Collar Half -Issue P/O to ATG: - ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL -Certificate of Conformity is required	Firmed	5/11/18	4 pcs	0 pcs	4 pcs	\$8.40/pcs	\$33.60
4	175739	649.4814	Doubler ISSUE P/O: _____ HARD ANODIZE, COLOR BLACK AS PER DWG.(SEE NOTE 2) PRIME IAW MIL-P-23377J TYPE1 CLASS N AS PER DWG. (SEE NOTE 2)	Firmed	5/11/18	10 pcs	0 pcs	10 pcs	\$7.71/pcs	\$77.10

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
5	176687	649.4820	Shim Issue P/O to ATG: AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.2, PRIME AS PER IAW MIL-PRF-23377 TYPE 1 CLASS N Certification of Conformity is required	Firmed	5/11/18	16 pcs	0 pcs	16 pcs	\$13.46/pcs	\$215.36
6	176251	D2348	Wearplate (Key Way) Issue P/O: Black Anodize per Dwg D2348 Rev. C	Firmed	5/11/18	30 pcs	0 pcs	30 pcs	\$2.41/pcs	\$72.30
7	176230	646.3718	Custom Washer Issue P/O _____ ATG, black anodize and prime as per dwg 646.3718 Rev. A	Firmed	5/11/18	30 pcs	0 pcs	30 pcs	\$5.41/pcs	\$162.30
8	176686	649.4819	Shim Issue P/O to ATG: AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.2, PRIME AS PER IAW MIL-PRF-23377 TYPE 1 CLASS N Certification of Conformity is required	Firmed	5/11/18	20 pcs	0 pcs	20 pcs	\$8.21/pcs	\$164.20
9	175737	649.4812	Shim Issue P/O to ATG: AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.2, PRIME AS PER IAW MIL-PRF-23377 TYPE 1 CLASS N Certification of Conformity is required	Firmed	5/11/18	6 pcs	0 pcs	6 pcs	\$13.61/pcs	\$81.66
Grand Total:										\$924.12

Order Notes

DAS
11
9-89

MAY 07 2018



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 915089

Date: 04-May-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chrisoula Tsimiklis
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
16 ea	Part: 649.4820 Shim Job: 22993 Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing.	Rev: E PO: PO039759 Line: 5	DAS 11 9-89 MAY 07 2018
20 ea	Part: 649.4819 Shim Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing.	Rev: E PO: PO039759 Line: 8	
6 ea	Part: 646.9713 Body Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Job: 22986 Prime per MIL-PRF-23377 TYPE I CLASS N 1-2 mils	Rev: D PO: PO039781 Line: 4	
10 ea	Part: 649.4811 Clip Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing.	Rev: E PO: PO039781 Line: 5	
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>4/5/18</u> Certified Signature: <u>[Signature]</u> Made in Canada.			



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 915089

Date: 04-May-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chrisoula Tsimiklis
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via
		OUR TRUCK
Quantity	Description	
	Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.	

Made in Canada.